PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant s or agent's life reference	FOR FURTHER ACTION	See Notification of Transmittal of International			
T5276.CIP2.P International application No.	La como de la Carte	Preliminary Examination Report (Form PCT/IPEA/416)			
Thereates afficiently 140.	International filing date (day/mon	uh/year) Prisrity date (day/month/year)			
PCT/US03/08311	18 March 2003 (18.03.2003)	18 March 2002 (18.03.2002)			
International Patent Classification (IPC) or national classification and IPC					
IPC(7): HOIB 3/00 and US CL: 381/77, 79					
Applicant					
AMERICAN TECHNOLOGY CORP.					
Comming Municipality and i	s transmitted to the applicant acc				
 This REPORT consists of a total of sheets, including this cover sheet. 					
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a total of sheets.					
3. This report contains indications relating to the following items:					
Basis of the report					
II Priority					
III Non-establishment of report with regard to novelty, inventive step and industrial applicability IV Lack of unity of invention					
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial					
applicability; citations and explanations supporting such statement					
VI Certain documents cited					
VII Certain defects in the international application					
VIII Certain observations on the international application					
Date of submission of the demand	Date of	completion of this report			
16 October 2003 (16.10,2003)		(14 December 2003 (04.12.2003)			
Name and mailing address of the IPEA/US	4				
Mail Stop PCT. Allo: IPFA/IIS Commissioner for Patents (1)					
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Alexandria, Virginia 22313-1450 acsimile No. (703)305-3230 Velephone No. 703-305-3900					
vm PCT/IPEA/409 (cover sheet)July 1998)					

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International application No. PCT/US03/08311

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. STATEMENT		······································			
Novelry (N)	Clauns	1-16	YES		
	Claims	NONE	NO		
Inventive Step (IS)	Claims	1-16	YES		
	Claims	NONE	NO		
Industrial Applicability (IA)	Claims	1-16	YES		
	Claims	NONE	NO		
2. CITATIONS AND EXPLANATIONS Claims 1-16 meet the criteria set out in PC1 Article 33(2)-(3), because the prior art does not leach or fairly suggest a parametric speaker sound emitting device for providing at least one new sonic frequency as a by product of emitting at least two ultrasonic frequencies from an ultrasonic frequency emitter that including an emitting parimeter of ultrasonic material with an auter radius and an inner radius; and a ratio of (i) a difference between the inner radius and the outer radius of the emitting perimeter is within a numerical range of 0.110 i.0 as construed and racited in claim 1. A sound emitting perimeter is within a numerical range of 0.110 i.0 as construed and racited in claim 1. A sound emitting device for generating one new sonic frequency it form a ultrasonic frequency generating one new sonic frequency with respect to energy based upon emitter surface are of an ultrasonic frequency with respect to energy based upon emitter surface are of an ultrasonic frequency emitter with specific functional steps as construed and recited in claim 15. Claims 1-16 meet the criteria set out in PC1 Article 33(4), and thus meet industrial applicativity because the subject matter claimed can be made or used in incustry. NEW CITATIONS NONE					